

All dimensions are in mm;
 Y = Part number has to be accomplished by codification

Interface

According to ISO 20860-1; DIN 72594-1

g00

Material and plating

Connector parts

Housing PBT-GF20
 Secondary lock PBT-GF10

g00

Mechanical data

Mating cycles \geq 25
 Retention force latch \geq 110 N
 Retention force primary lock \geq 80 N
 Retention force secondary lock \geq 60 N
 Coding efficiency \geq 40 N

Environmental data

Temperature range	-40°C to +105°C
Thermal shock	DIN 72594-2 clause 8.2
Temperature and humidity	DIN 72594-2 clause 8.3
Vibration and mechanical shock	DIN 72594-2 clause 8.1
Dry heat	DIN 72594-2 clause 8.4
RoHS	compliant



Application

Applicable for connector:

- 59S10E-1xx **
- 59S10L-1xx **
- 59S10O-1xx **
- 59S16A-1xx **

** -xx for all available cable variations















Packing

Standard	2000 pcs in box
	2000 pcs in returnable box
Weight	1.07 g/pce



Coding

Part Number has to be accomplished by codification

Coding	Colour	RAL	Part-Number-RT
	A	black	59Z064-000-A
	B	white	59Z064-000-B
	C	blue	59Z064-000-C
	D	bordeauxviolet	59Z064-000-D
	E	green	59Z064-000-E
	F	brown	59Z064-000-F
	G	grey	59Z064-000-G
	H	violet	59Z064-000-H
	I	beige	59Z064-000-I
	K	curry	59Z064-000-K
	L	carmine red	59Z064-000-L
	M	pastel orange	59Z064-000-M
	N	pastel green	59Z064-000-N
	Z	waterblue	59Z064-000-Z
		traffic purple	secondary lock

Change history

Rev	Date	Change
g00	11.02.2021	- "2000 pcs in box" added - tolerance, material, environment and interface spec. adjusted acc.to the actual state
h00	16.06.2021	- "500 pcs in box" removed

While the information has been carefully compiled to the best of our knowledge, nothing is intended as representation or warranty on our part and no statement herein shall be construed as recommendation to infringe existing patents. In the effort to improve our products, we reserve the right to make changes judged to be necessary.

Draft	Date	Approved	Date	Rev.	Engineering change number	Name	Date
M. Zebhauser	01.09.04	F. Danzl	16.06.21	h00	21-0973	M. Berthold	16.06.21

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